METHOD AND SLIDING CONNECTOR AND CIRCUIT CARD COMBINATION FOR IMPLEMENTING HOT PLUGGING PROTECTION FOR REGULATOR, POWER SUPPLIES AND SYSTEM CARD

Abstract of the Disclosure

A method and a combination of a hot plug sliding connector and a circuit card are provided for implementing hot plugging protection regulator cards, power supply cards, system cards and the like. A respective isolation circuit is coupled to each voltage input and voltage output of the circuit card to be connected to the hot plug sliding connector. The hot plug sliding connector has an elongated slot for slidingly receiving the circuit card along the length of the elongated slot. A plurality of cooperating electrically connecting portions of the connector and circuit card are provided in mating engagement with the circuit card inserted into a final position in the connector. The plurality of cooperating electrically connecting portions are spaced apart by a respective predefined null, non-electrically connecting portion arranged to avoid shorting between cooperating electrically connecting portions during the sliding insertion of the circuit card into the hot plug sliding connector.